employed for the same purposes. It shares with them the property of diminishing the sensibility of the nerve exposed by a carious tooth, when repeatedly applied. The essence, consisting of the volatile oil dissolved in alcohol or proof spirit, is antispasmodic and diaphoretic, and may be applied in all cases where warm or cordial stimulants are indicated. A tincture, formed by digesting the leaves in spirit, possesses the astringency as well as warmth of the plant, and has been usefully employed in diarrhæa.

A respectable physician of Boston informs me, that he has in various instances found the infusion of this plant very effectual in promoting the mammary secretion, when deficient; and even in restoring that important function after it had been for some time suspended. Whether the medicine has any specific influence of this sort, independent of the general state of the patient's health, I am not prepared to say.

BOTANICAL REFERENCES.

Gaultheria procumbens, Linn. *Sp. pl.*—Michaux, *Flor.* i. p. 249.—Pursh, i. 283.—Nuttall, *Gen.* i. 263.—Andrews, *Bot. Repository*, *t.* 116.—Willd. *Arb.* 123.—Vitis Idæa Canadensis Pyrolæ folio, Tournefort, *Inst.* 608.—Anonyma pedunculis arcuatis, Colden, *Noveb.* 98.

MEDICAL REFERENCES.

Kalm, *Amœnitates Academicæ*, iii. 14.—Bart. *Coll.* i. 19.

PLATE XXII.

Fig. 1. *Gaultheria procumbens.*
Fig. 2. *The bractes or outer calyx.*
Fig. 3. *The true calyx.*
Fig. 4. *Stamen of the natural size.*
Fig. 5. *Anther magnified, the dark places shewing the mode of opening.*
Fig. 6. *Calyx and pistil.*
Fig. 7. *Fruit.*
Fig. 8. *Longitudinal section of the fruit.*
Fig. 9. *Transverse section of the capsule.*

JACOB BIGELOW *American Medical Botany* BOSTON, 1817-1820 CARY GRAPHIC ARTS COLLECTION, ROCHESTER INSTITUTE OF TECHNOLOGY Octavo